Table A.2.18 North Field/Main Yard AOC 1 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	COC Concentrations Greater Than Delineation Criteria
S0837 MW133 8/28/02 Full RFI AOC 19	14	1	Fill: 0-11: (product like odor at 1-4; catalyst beads at 4-6; black stained at 4-6) Silt: 11-12 Sand: 12-14	223 (6-6.5)	P, S, F	S0837A4 (1.5-2)	V, S, M (DP,/MS/ MSD)	None
					P, S, F	S0837C4 (5.5-6)	V, S, M, SPLP Phys. Char.	Benzo(a)anthracene: 31 mg/kg **Benzo(a)pyrene: 27 mg/kg** Benzo(b)fluoranthene: 26 mg/kg Benzo(k)fluoranthene: 13 mg/kg Dibenzo(a,h)anthracene: 3.2 mg/kg Indeno(1,2,3-cd)pyrene: 11 mg/kg Carbazole: 4.4 mg/kg Iron: 29000 mg/kg
					P, S, N	S0837G4 (13.5-14)	V, S, M	None
					Water	MW133 10/17/02	V, S, M, water quality	**Benzene: 2J ug/L**
H0302 8/9/99 2nd OWSS MY 3	13	4	Fill 0-6 (Black staining, hydrocarbon odor at 3.5-6) Clay: 6-11 Meadow Mat: 11-11.5 Clay: 11.5-13	48.1 (5)	Water	H0302	V, S, M	**Benzene: 2 ug/L**
SB0106 11/21/95 1st Soils AOC 1	4	3	Fill: 0 to 4 Gravel, silt, sand (black stained, petroleum odor at 1-2)	68 (0 to 2)	P, U, F	SB0106SA (0 to 2)	V, S, TPH	None
SB0105 11/21/95 1st Soils AOC 1	6	4	Fill: 0 to 6: (petroleum odor and staining at 0-2; petroleum odor at 3-4)	0	O, U, F	SB0105SA (0 to 2)	V, S, TPH	None
SB0104 11/21/95 1st Soils AOC 1	6	5	Fill: 0 to 6: (black staining @ 2-4)	0.8 (0 to 2)	P, U,F	SB0104SC (4 to 6)	V, S, TPH	None

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Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	COC Concentrations Greater Than Delineation Criteria
PZ0015 9/7/95 1st Soils	8	3	Fill: 0 to 3.5	220 (2 to 4)	P, U, F	PZ0015SB (2 to 4)	V, S, TPH	None

NOTES:

Benzene and benzo(a)pyrene are highlighted in bold because they are indicator constituents of concern (COCs)

Shaded rows indicate samples collected from nearby SWMUs/AOCs

ppm_v = parts per million (volume basis)

All depths referenced on this summary table are in feet below the ground surface.

PID = Photoionization detector.

ID = Identifier.

mg/kg = milligrams per kilogram (equivalent to parts per million).

µg/L = micrograms per liter (equivalent to parts per million).

[1]Depth to water as observed during borehole advancement.

[2]"Fill" encountered within the completed borings was characteristically described as an asphalt layer (typical) underlain by a heterogeneous gravel to clay mixture of unconsolidated materials, ranging in color from tan to gray with occasional construction debris (e.g., brick) present. In some locations, the fill material is further characterized by containing a slag or beaded material, in which case it is noted within the table. Also noted on the table are any other olfactory or visual observations that indicate potential petroleum-type impacts within the fill unit were observed.

[3]P – property boundary, O – on-site, U – unsaturated, S – saturated, F – fill, N – native. "None" indicates that no sample was collected.

[4]V – VOCs, S – SVOCs, M – metals, Pb – lead, TOL – total organic lead, TEL – tetraethyl lead, TPH – Total Petroleum Hydrocarbons; SPLP– Synthetic Precipitation Leaching Procedure; -Phys. Char.--physical characteristics.